**REVISION FOR SEMESTER TEST**

1. **What effects the time that a pendulum takes to swing? Use results from your experiment to explain your answer.**
2. **Does the time it takes a pendulum to swing change if the pendulum swings higher?**
3. **Use results from your experiment to explain when you would add milk to your coffee to keep it hotter for longer if you weren’t able to drink it yet.**
4. **What does adding salt do to the boiling temperature of water?**
5. **Name the two types of microscopes that we used.**
6. **Explain the differences between the two types of microscopes.**
7. **What differences did we find between natural and man-made fibres when we looked at them under the microscope?**
8. **Name 5 different body systems.**
9. **Name the 4 chambers of the heart.**
10. **Which heart chamber has thick muscular walls and why?**
11. **What is an ECG?**
12. **If your heart beats every 0.5 seconds, what is your pulse rate?**